

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074491.D
 Acq On : 07 Oct 2022 15:24
 Operator : VA/SY
 Sample : N5014-11RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:24:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

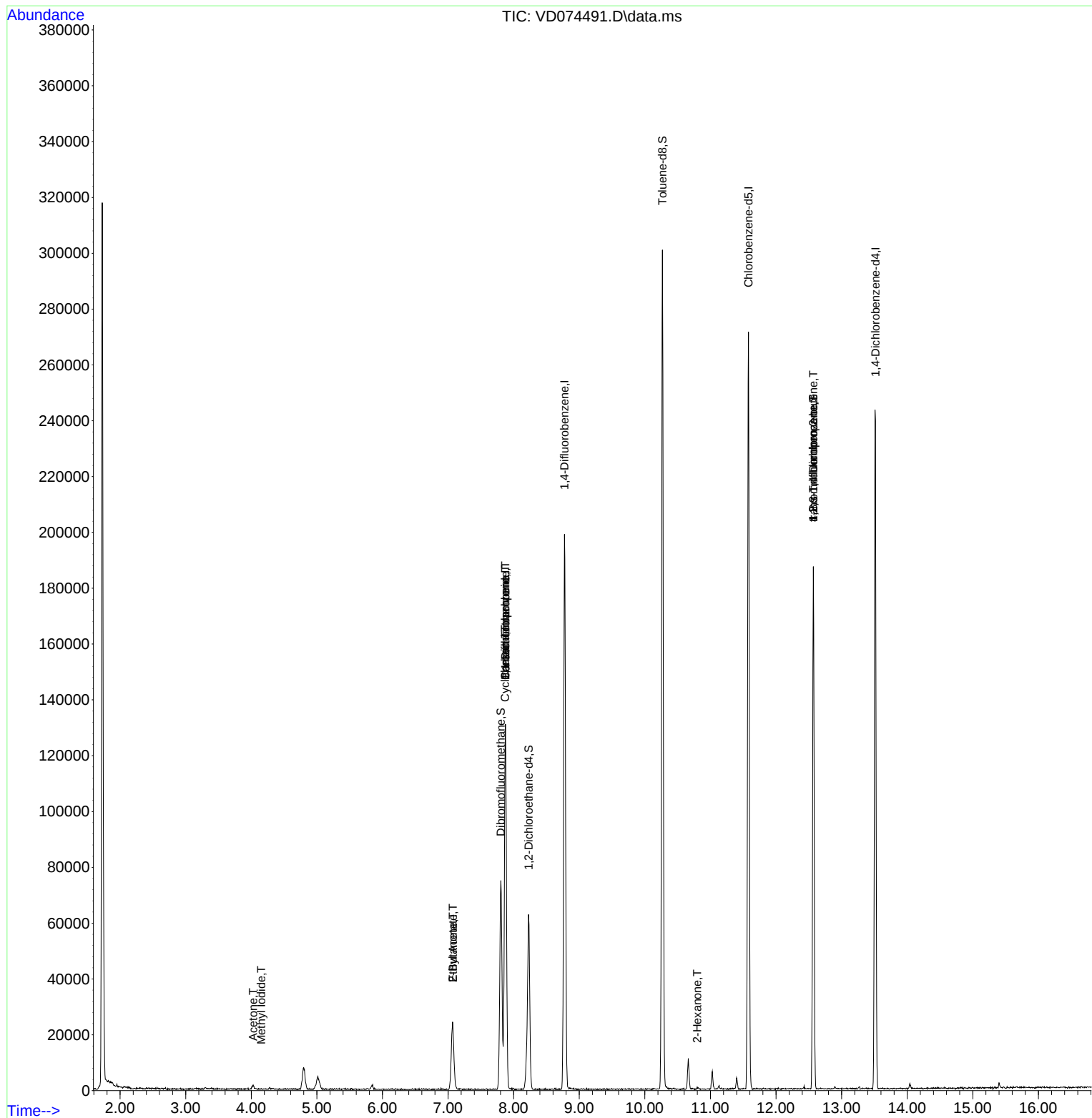
Internal Standards						
1) Pentafluorobenzene	7.875	168	104449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46516	50.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.804	113	55045	44.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.580%	
50) Toluene-d8	10.269	98	216248	47.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.569	95	54770	37.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	63	5.849	ug/l #	43
11) Tert butyl alcohol	5.010	59	4262	Below Cal	#	84
16) Acetone	4.028	43	2069	19.687	ug/l #	74
20) Methylene Chloride	4.799	84	6742	Below Cal	#	89
25) 2-Butanone	7.075	43	1020	3.832	ug/l #	42
31) Cyclohexane	7.869	56	2010	1.078	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	7759	4.448	ug/l #	46
37) Ethyl Acetate	7.075	43	1020	1.781	ug/l #	1
38) Carbon Tetrachloride	7.875	117	9643	6.238	ug/l #	18
59) 2-Hexanone	10.798	43	388	1.042	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	27827	51.260	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	27827	114.368	ug/l #	17

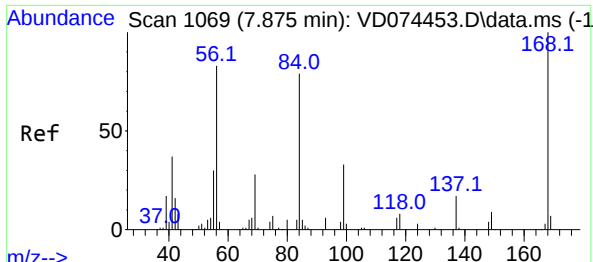
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
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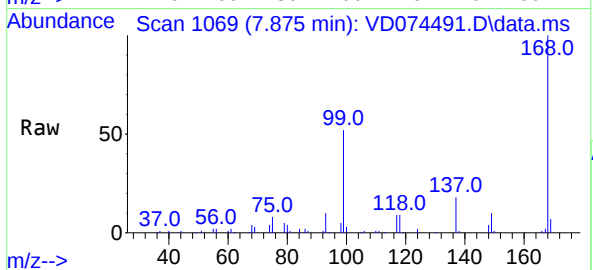
Quant Time: Oct 08 02:24:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



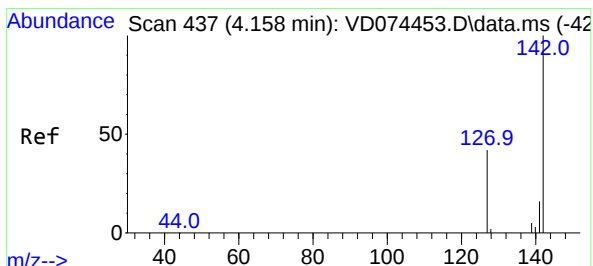
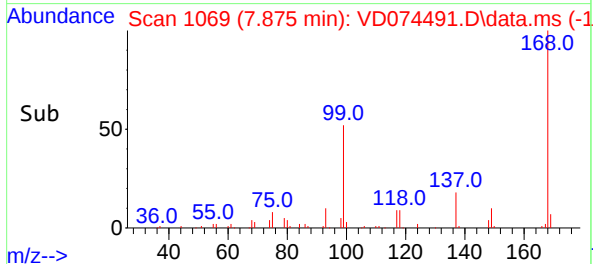
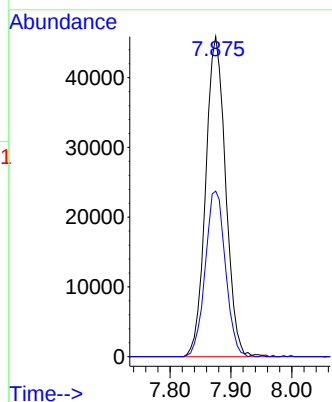


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :

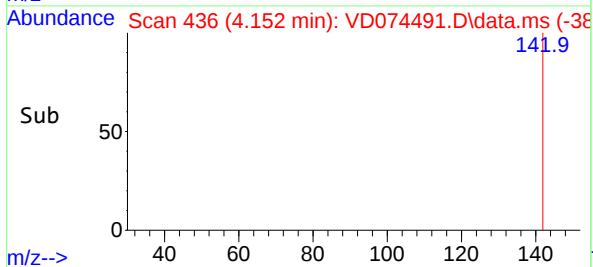
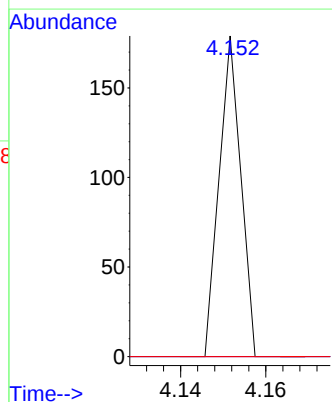
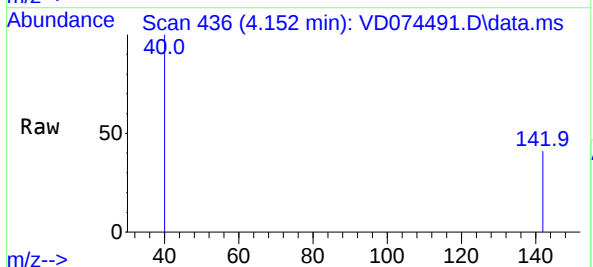


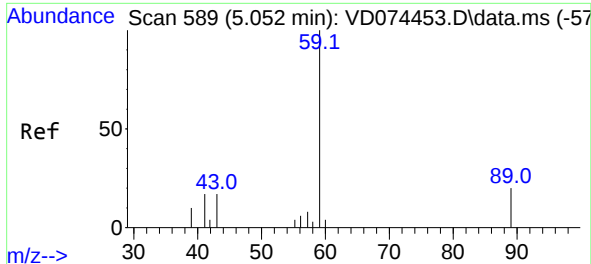
Tgt Ion:168 Resp: 104449
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.849 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

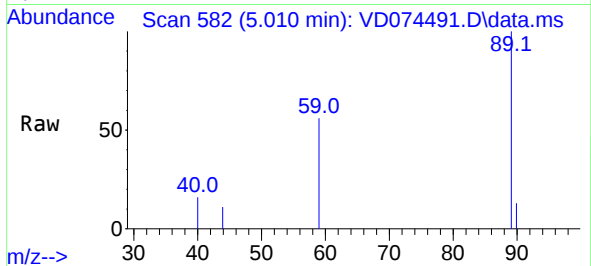
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



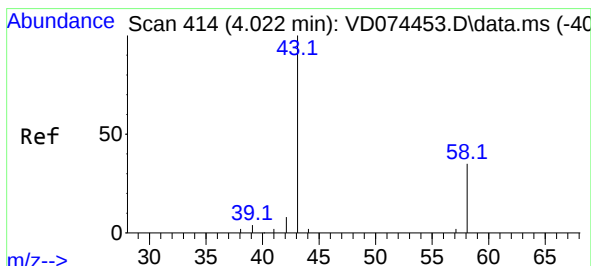
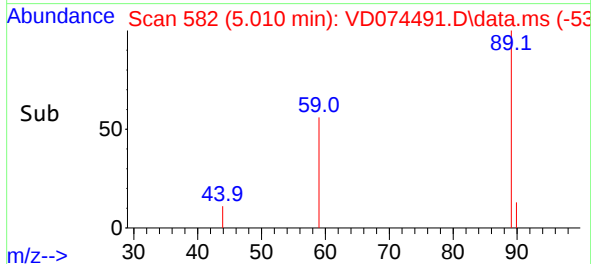
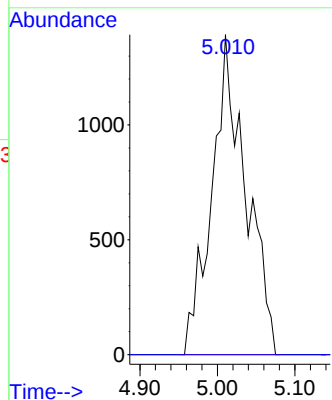


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :

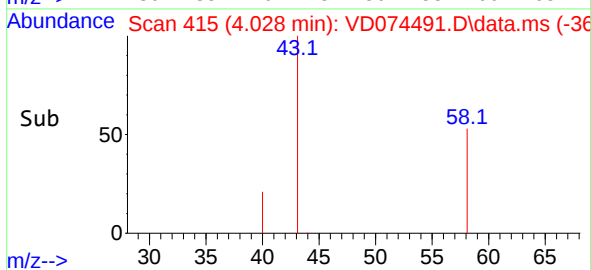
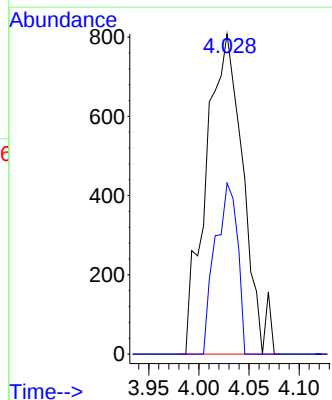
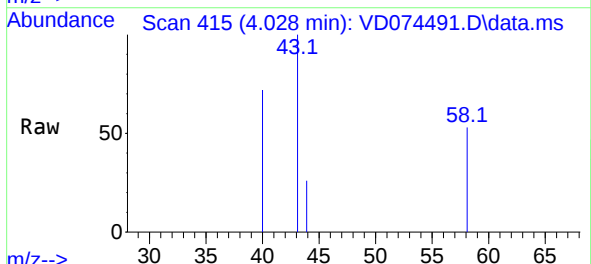


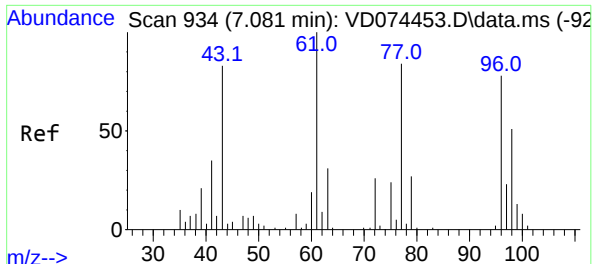
Tgt Ion: 59 Resp: 4262
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 19.687 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 53.3 30.2 45.2#

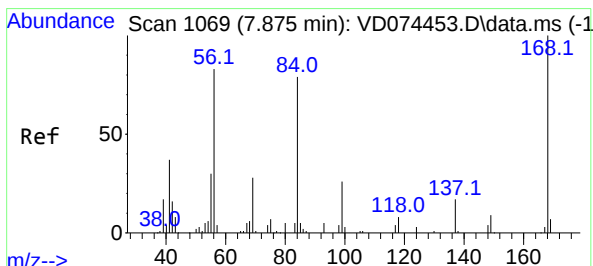
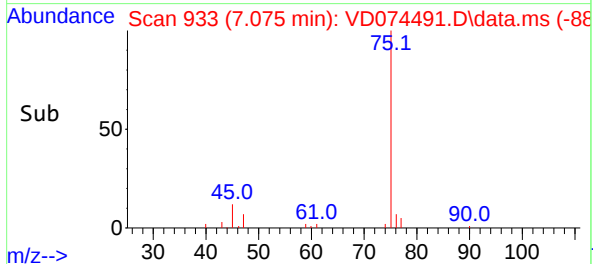
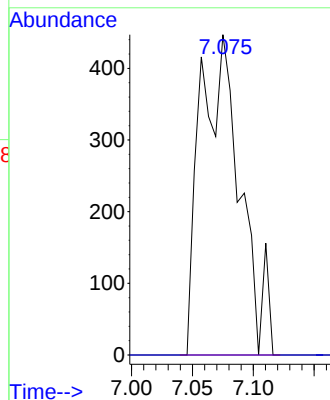
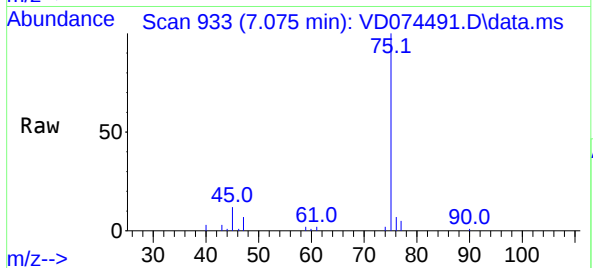




#25
2-Butanone
Concen: 3.832 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

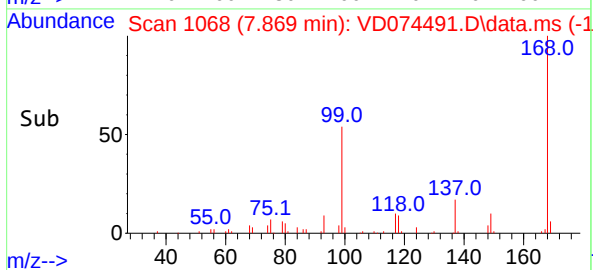
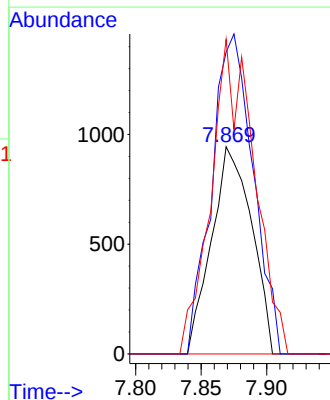
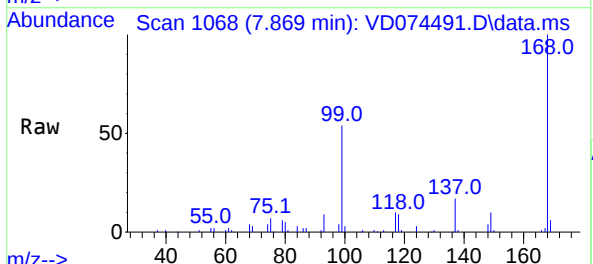
Instrument :
MSVOA_D
ClientSampleId :

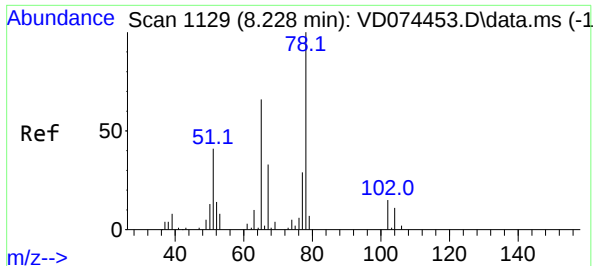
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 56 Resp: 2010
Ion Ratio Lower Upper
56 100
69 145.7 29.2 43.8#
84 151.8 83.4 125.2#

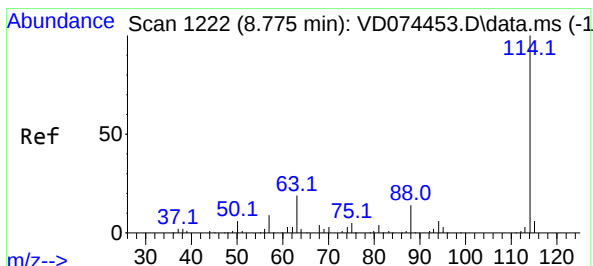
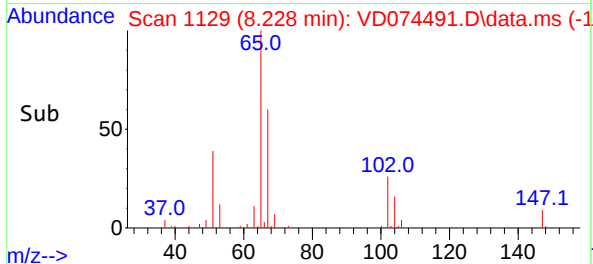
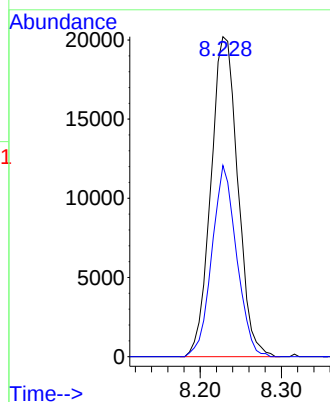
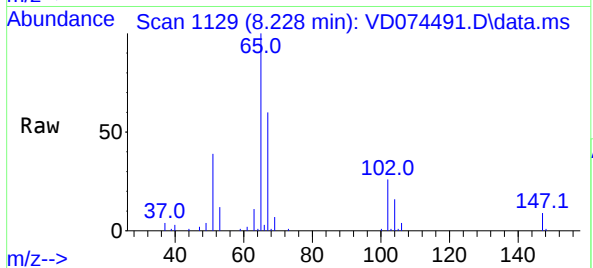




#33
1,2-Dichloroethane-d4
Concen: 50.125 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

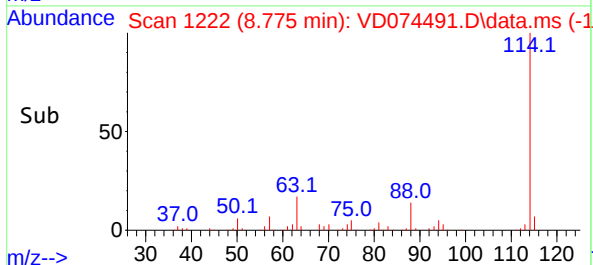
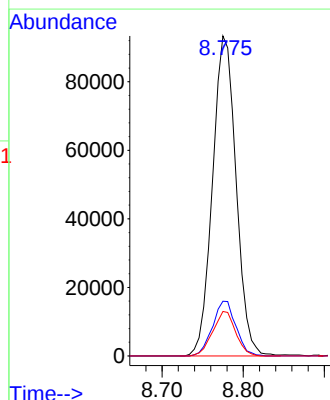
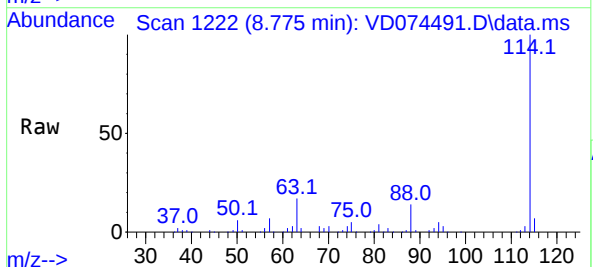
Instrument :
MSVOA_D
ClientSampleId :

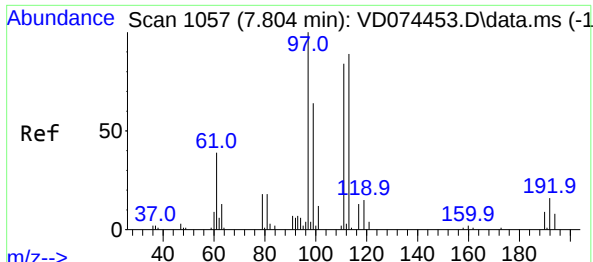
Tgt Ion: 65 Resp: 46516
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

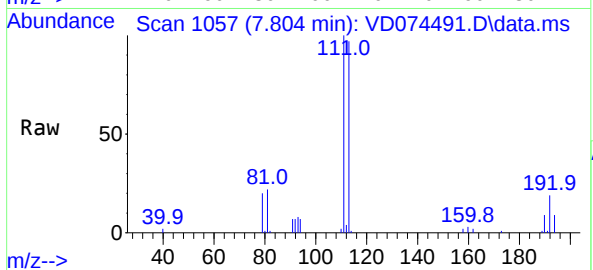
Tgt Ion: 114 Resp: 188474
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 13.9 0.0 28.2



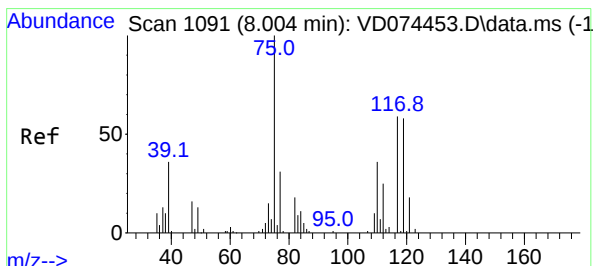
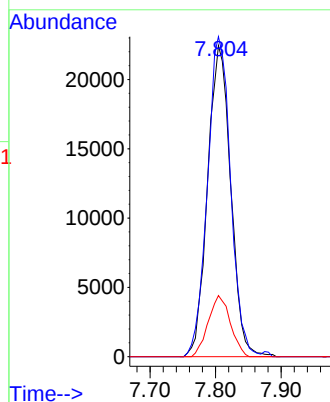
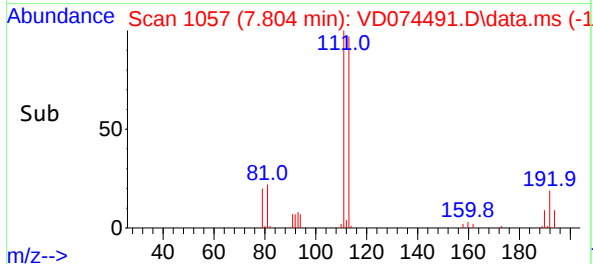


#35
Dibromofluoromethane
Concen: 44.290 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :

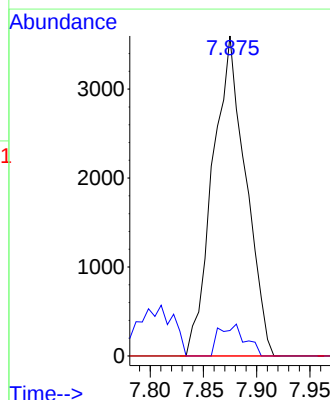
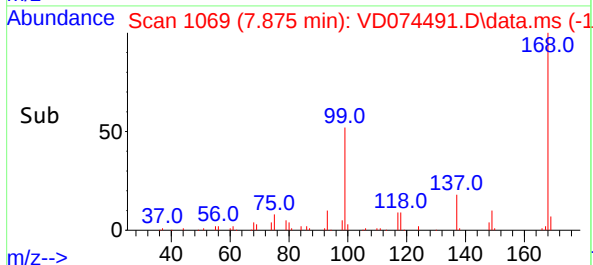
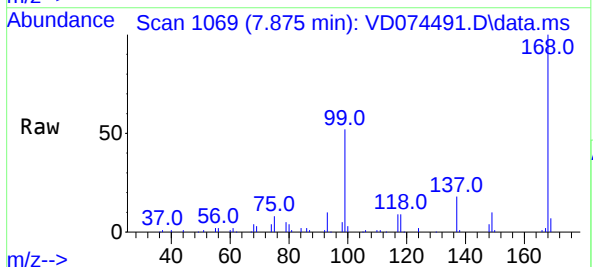


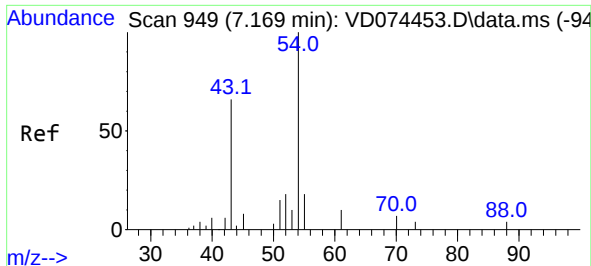
Tgt Ion:113 Resp: 55045
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 18.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 75 Resp: 7759
Ion Ratio Lower Upper
75 100
110 7.8 19.7 59.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.781 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074491.D

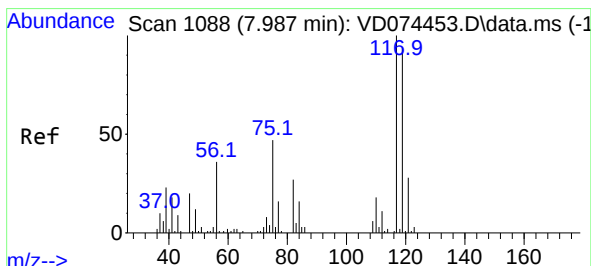
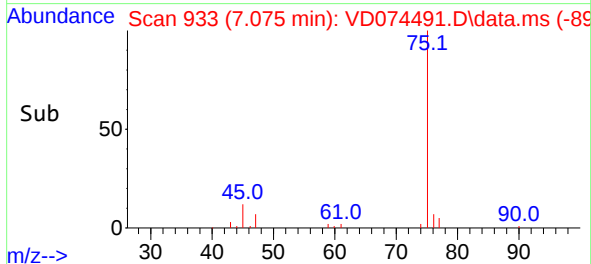
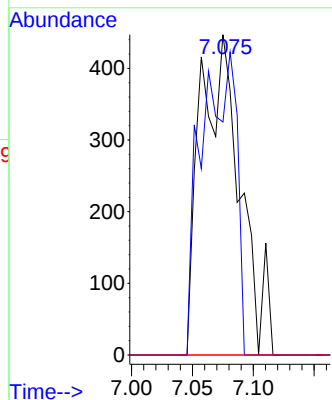
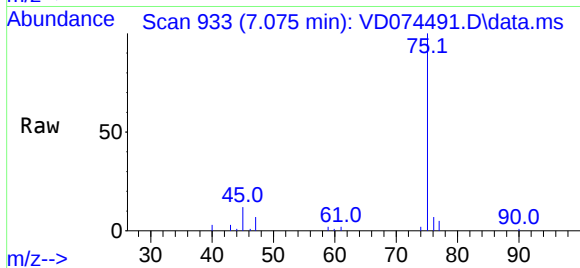
Acq: 07 Oct 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp:	1020
Ion	Ratio	Lower Upper
43	100	
61	82.7	12.2 18.4#
70	0.0	9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

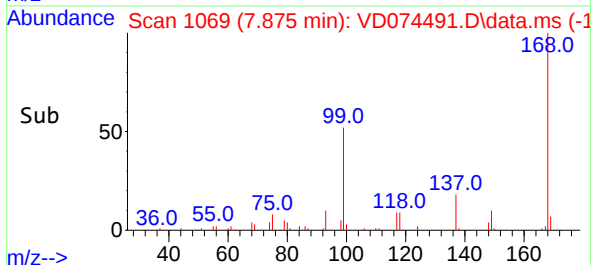
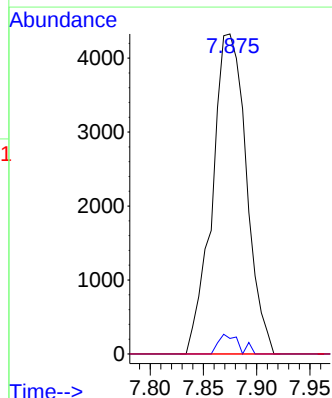
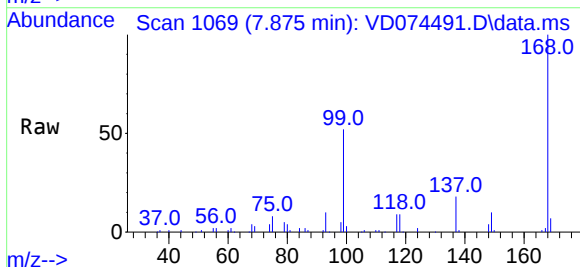
RT: 7.875 min Scan# 1069

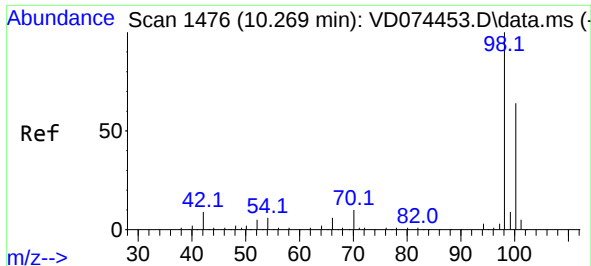
Delta R.T. -0.112 min

Lab File: VD074491.D

Acq: 07 Oct 2022 15:24

Tgt Ion: 117	Resp:	9643
Ion	Ratio	Lower Upper
117	100	
119	4.9	73.1 109.7#
121	0.0	25.0 37.6#

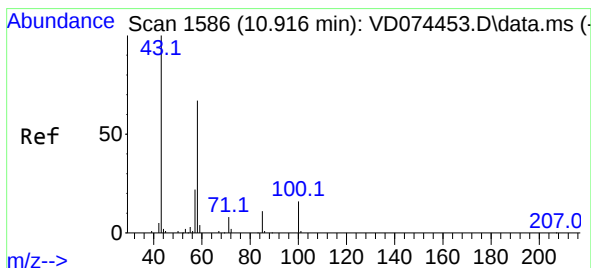
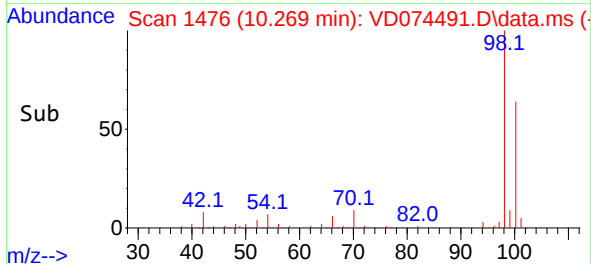
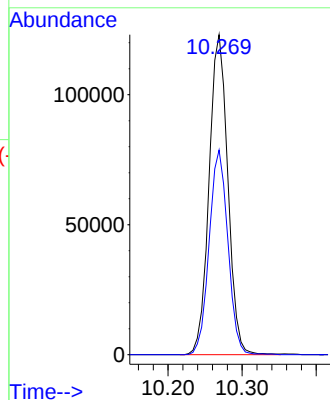
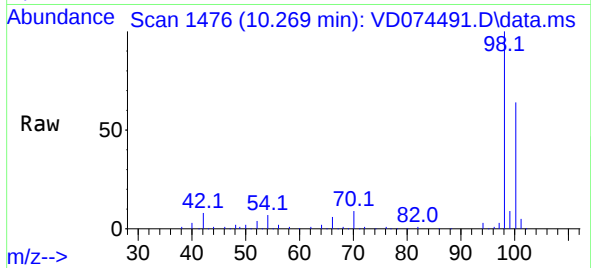




#50
Toluene-d8
Concen: 47.722 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

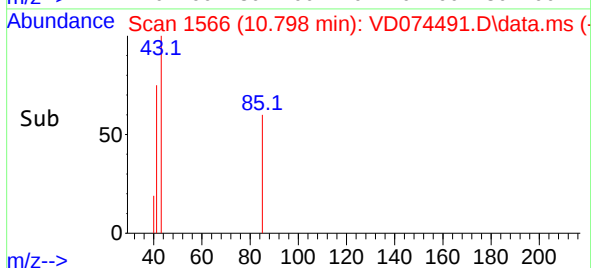
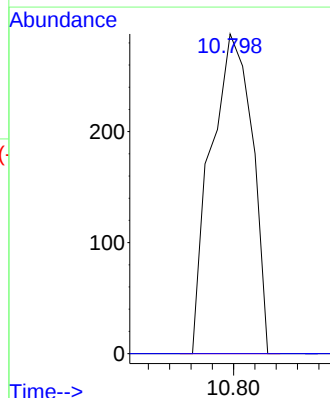
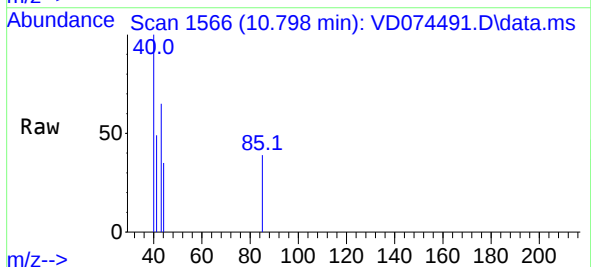
Instrument :
MSVOA_D
ClientSampleId :

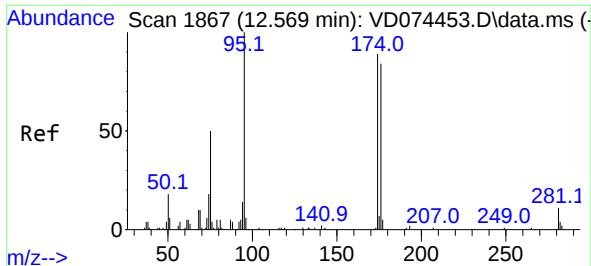
Tgt Ion: 98 Resp: 216248
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#59
2-Hexanone
Concen: 1.042 ug/l
RT: 10.798 min Scan# 1566
Delta R.T. -0.118 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#

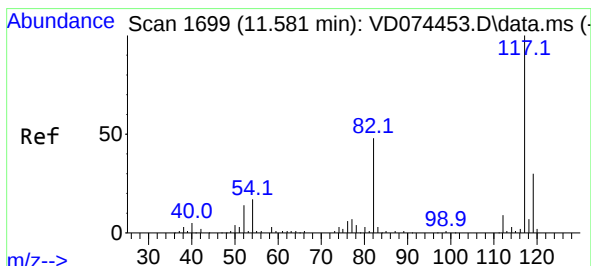
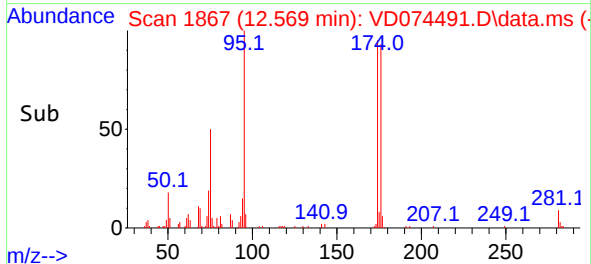
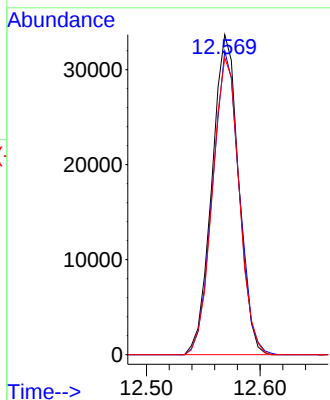
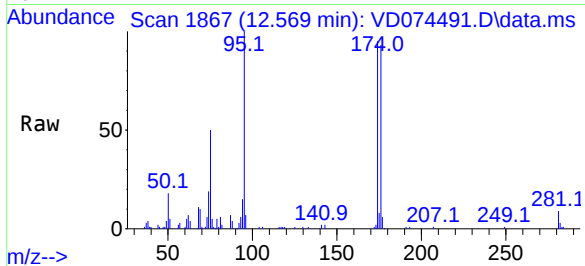




#62
4-Bromofluorobenzene
Concen: 37.496 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

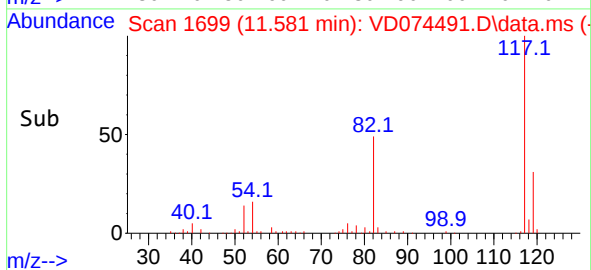
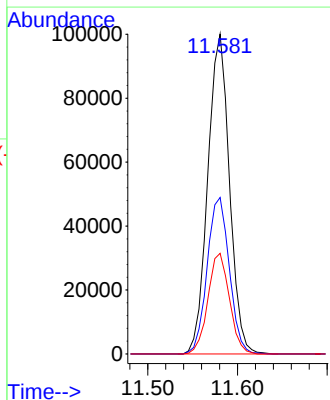
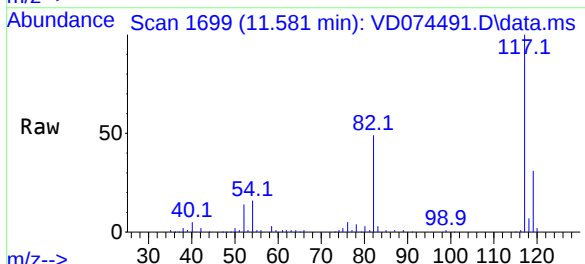
Instrument :
MSVOA_D
ClientSampleId :

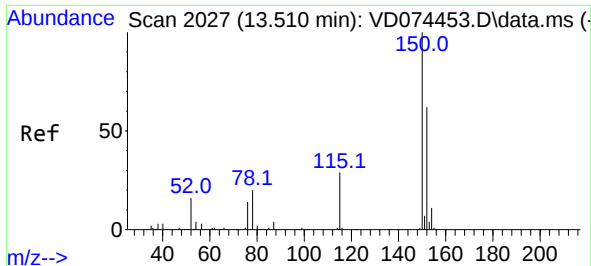
Tgt Ion: 95 Resp: 54770
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 93.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

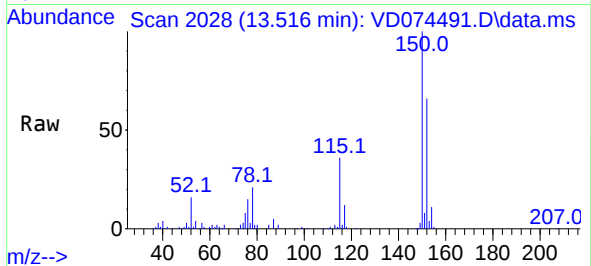
Tgt Ion: 117 Resp: 167743
Ion Ratio Lower Upper
117 100
82 48.9 41.6 62.4
119 31.5 25.2 37.8



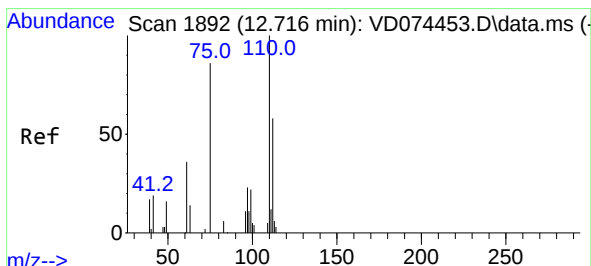
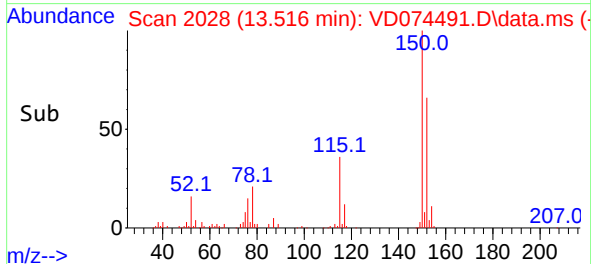
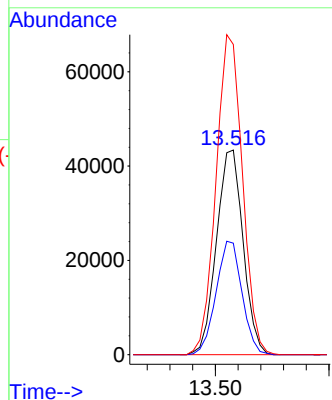


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :

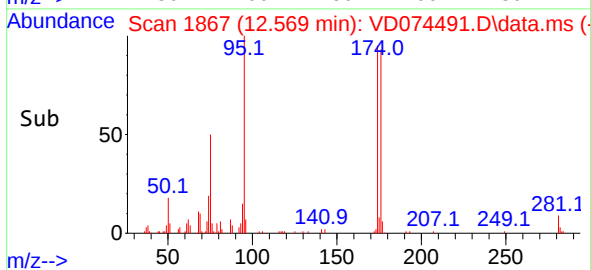
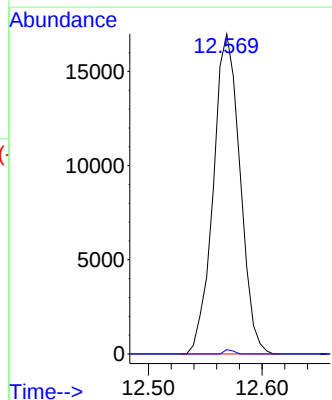
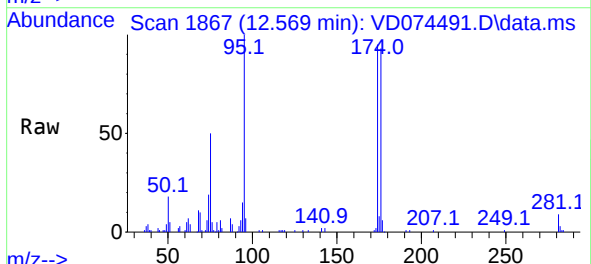


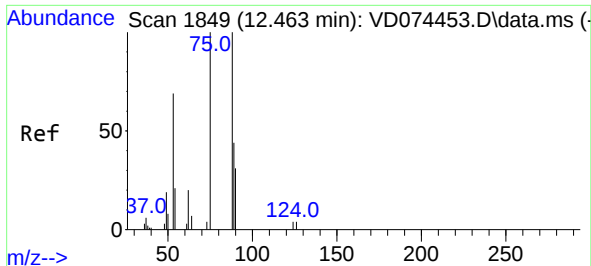
Tgt Ion:152 Resp: 70718
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 155.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 51.260 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

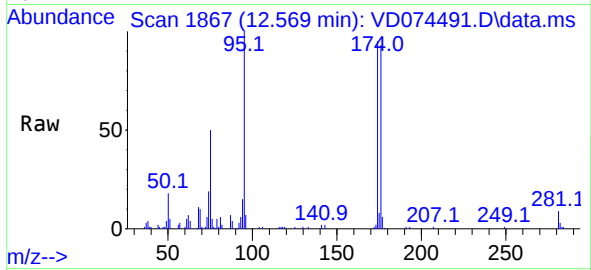
Tgt Ion: 75 Resp: 27827
Ion Ratio Lower Upper
75 100
77 0.5 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.368 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074491.D
 Acq: 07 Oct 2022 15:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 27827

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

